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L1	172	703/2.ccls. and @pd>"20070701"	US-PGPUB; USPAT; EPO; DERWENT	OR	OFF	2007/11/23 19:31

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L4	18	(differential adj equation\$1) same (GPU or pipeline or (graphics adj processor))	US-PGPUB; USPAT; EPO; DERWENT	OR	OFF	2007/11/23 19:36



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[A rapid finite difference algorithm, utilizing successive over-relaxation to solve the Poisson- ... - all 3 versions »](#)

A Nicholls, B Honig - J. Comput. Chem, 1991 - doi.wiley.com

Page 1. A Rapid Finite Difference Algorithm, Utilizing Successive

Over-Relaxation to Solve the Poisson-Boltzmann Equation Anthony ...

[Cited by 478](#) - [Related Articles](#) - [Web Search](#)

[\(PS\) Analysis and Optimization of Software Pipeline Performance on MIMD](#)

[Parallel Computers - Full Text@IngentaConnect - all 5 versions »](#)

RF Van der Wijngaart, SR Sarukkai, P Mehra - Journal of Parallel and Distributed Computing, 1996 - nas.nasa.gov

Page 1. Analysis and Optimization of Software Pipeline Performance on MIMD Parallel Computers ... has nished. The pipeline algorithm is constructed as follows. ...

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[Hardware accelerated rendering of antialiasing using a modified a-buffer algorithm - all 10 versions »](#)

S Winner, M Kelley, B Pease, B Rivard, A Yen - Proceedings of the 24th annual conference on Computer ..., 1997 - portal.acm.org

... block functions as part of the pipeline are described later in this paper. Figure 3. Coverage Mask Generation. A single set of linear equation evaluators can ...

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[The effect of interrupts on software pipeline execution on message-passing architectures - all 5 versions »](#)

RF Van der Wijngaart, SR Sarukkai, P Mehra - Proceedings of the 10th international conference on ..., 1996 - portal.acm.org

Page 1. The Effect of Interrupts on Software Pipeline Execution on ... The results of ap- plying this optimization to general pipeline algorithms on ...

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[High-speed parallel Viterbi decoding: algorithm andVLSI-architecture - all 2 versions »](#)

G Fettweis, H Meyr, IBMAR Center, CA San Jose - Communications Magazine, IEEE, 1991 - ieeexplore.ieee.org

Page 1 j 46 • May 1991 - IEEE Communications Magazine 0163-6804/91/0005-0046 \$01.00 1991 IEEE High-Speed Parallel Viterbi Decoding: Algorithm and VLSI ...

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[Hydraulic Analysis and Optimum Design of Multidiameter Irrigation Laterals - all 6 versions »](#)

JD Valiantzas - Journal of Irrigation and Drainage Engineering, 2002 - link.aip.org

... of the pipeline is expressed as where number of outlets along the pipeline. ... end of the pipe is commonly given ( ; ) by the following linear equation (solid line ...

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J Torborg, JT Kajiya - ... conference on Computer **graphics** and interactive techniques, 1996 - portal.acm.org

... An alternative approach is to look to new architectures that have a fundamentally different character than the conventional **graphics pipeline**. ...

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L McMillan Jr - 1997 - lumumba.luc.ac.be

... 7-2: A image-based **graphics pipeline**.....140 ... Equation 5-6: **Linear equation** in the ...

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[A real-time low-latency hardware light-field renderer - all 7 versions »](#)

MJP Regan, GSP Miller, SM Rubin, C Kogelnik - ... conference on Computer **graphics** and interactive techniques, 1999 - portal.acm.org

... a location for the arm, generates the **linear equation** for the ... a Virtual Reality Address Recalculation **Pipeline**", Computer **Graphics** Proceedings, Annual ...

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[\[BOOK\] Using \*\*Graphics\*\* Cards for Quantized FEM Computations - all 9 versions »](#)

M Rumpf, R Strzodka - 2001 - numerik.math.uni-duisburg.de

... Certainly there are some obstacles like the restricted number formats and precision or some unoptimized parts of the **graphics pipeline**, but the overall ...

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[On the algebraic and geometric foundations of computer \*\*graphics\*\*](#)

R Goldman - ACM Transactions on **Graphics** (TOG), 2002 - portal.acm.org

... affine spaces, projective spaces, and Grassmann spaces—for computer **graphics**, focusing

most of our attention on the transformations in the **graphics pipeline**. ...

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[Fast spheres, shadows, textures, transparencies, and image enhancements in pixel-planes - all 3 versions »](#)

H Fuchs, J Goldfeather, JP Hultquist, S Spach, JD ... - ... conference on Computer **graphics** and interactive techniques, 1985 - portal.acm.org

... system for raster **graphics** and imaging ... bottlenecks earlier in the image generation **pipeline** could be ... Each **linear equation**, together with an opcode, is passed to ...

[Cited by 107](#) - [Related Articles](#) - [Web Search](#)

[Displacement Mapping using Scan Conversion Hardware Architectures - all 4 versions »](#)

M Doggett, A Kugler, W Strasser - Computer **Graphics** Forum, 2001 - Blackwell Synergy

... of the displaced surface and a number of triangles that can be handled by the render **pipeline**. A common bottleneck for modern 3D PC **graphics** cards is the ...



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M Rumpf, R Strzodka - 2000 - numerik.math.uni-duisburg.de

... r □ □ □ C with r □ Q £ r □ V Typical smoothers are the **Jacobi** iteration ... has the advantage

that there are many stages in the **graphics pipeline** where linear ...

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[PDF] [A gpu-based, three-dimensional level set solver with curvature flow - all 8 versions »](#)

A Lefohn, R Whitaker - University of Utah tech report UUCS-02-017, December, 2002 - [graphics.cs.ucdavis.edu](#)

... In the last two years, GPUs' fixed-function **graphics pipeline** has begun to be replaced with one that is highly programmable [14, 15, 16]. ...

[Cited by 13](#) - [Related Articles](#) - [View as HTML](#) - [Web Search](#)

[PARALLEL IMPLEMENTATION OF DYNAMIC EQUATIONS FOR SOLVING EIGENVALUE PROBLEMS OF](#)

C MATRICES, XLA UN - Algorithms and Architectures for Parallel Processing, 2000 - [books.google.com](#)

... Furthermore, to accelerate the **Jacobi** WR, the unknowns being solved on one ... **graphics**

pipelines is difficult since the large **graphics pipeline** delays themselves ...

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[Using threads in interactive systems: a case study - all 13 versions »](#)

C Hauser, C Jacobi, M Theimer, B Welch, M Weiser - ACM SIGOPS Operating Systems Review, 1994 - [portal.acm.org](#)

Page 1. Using Threads in Interactive Systems: A Case Study Carl Hauser, Christian Jacobi, Marvin Theimer, Brent Welch and Mark Weiser ...

[Cited by 30](#) - [Related Articles](#) - [Web Search](#)

[Real time application of the floating point pipeline CORDICprocessor in massive-parallel pipelined ...](#)

AAJ de Lange, EF Deprettere, A van der Veen, J Bu - Acoustics, Speech, and Signal Processing, 1990. ICASSP-90., ..., 1990 - [ieeexplore.ieee.org](#)

... of a fast custom VLSI floating point **pipeline** CORDIC processor ... their impact can be annlyzed on interactive 3D **graphics**. ... czi be computed using **Jacobi** itera- tions ...

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IET JNL IET Journal or Magazine

IEEE CNF IEEE Conference Proceeding

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Looye, A.; Hekstra, G.; Deprettere, E.;  
[Signal Processing Systems, 1998. SIPS 98. 1998 IEEE Workshop on](#)  
8-10 Oct. 1998 Page(s):406 - 416  
Digital Object Identifier 10.1109/SIPS.1998.715803  
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La Scala, M.; Bose, A.;  
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[and Systems I: Regular Papers, IEEE Transactions on\]](#)  
Volume 40, Issue 5, May 1993 Page(s):317 - 330  
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Digital Object Identifier 10.1109/12.589219  
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5. The Illiac IV system